

Titles of most frequently occurring classifications of patents returned
from a search of 10734390 on Nov 29 , 2007

9 704/257 (6 OR, 3 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/231 ..Recognition
704/251 ...Word recognition
704/255Specialized models
704/257Natural language

8 704/E15.04 (0 OR, 8 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/E15.001 .SPEECH RECOGNITION (EPO)
704/E15.04 ..Procedures used during a speech recognition process, e.g.,
man-machine dialogue, etc. (EPO)

7 704/275 (2 OR, 5 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/200 .SPEECH SIGNAL PROCESSING
704/270 ..Application
704/275 ...Speech controlled system

5 704/E15.045 (0 OR, 5 XR)
Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
704/E15.001 .SPEECH RECOGNITION (EPO)
704/E15.043 ..Speech to text systems (EPO)
704/E15.045 ...Systems using speech recognizers (EPO)

4 707/104.1 (2 OR, 2 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/100 .DATABASE SCHEMA OR DATA STRUCTURE
707/104.1 ..Application of database or data structure (e.g.,
distributed, multimedia, image)

4 707/10 (2 OR, 2 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/1 .DATABASE OR FILE ACCESSING
707/10 ..Distributed or remote access

4 348/E5.105 (0 OR, 4 XR)
Class 348 TELEVISION
348/E5.001 .DETAILS OF TELEVISION SYSTEMS (EPO)
348/E5.096 ..Receiver circuitry (EPO)
348/E5.099 ...For displaying additional information (EPO)
348/E5.105Menu-type displays (EPO)

3 358/1.15 (1 OR, 2 XR)
Class 358 FACSIMILE AND STATIC PRESENTATION PROCESSING
358/1.1 .STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR
PRINTER, ETC.)
358/1.15 ..Communication

3 709/250 (2 OR, 1 XR)
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING

709/250 .NETWORK-TO-COMPUTER INTERFACING

3 704/E15.026 (0 OR, 3 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/E15.001 .SPEECH RECOGNITION (EPO)
 704/E15.014 ..Speech classification or search (EPO)
 704/E15.018 ...Using natural language modeling (EPO)
 704/E15.026Parsing for meaning understanding (EPO)

3 704/270 (3 OR, 0 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/270 ..Application

3 709/220 (2 OR, 1 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 MULTICOMPUTER DATA TRANSFERRING
 709/220 .NETWORK COMPUTER CONFIGURING

2 718/101 (1 OR, 1 XR)
 Class 718 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: VIRTUAL
 MACHINE TASK OR PROCESS MANAGEMENT OR TASK MANAGEMENT/CONTROL
 718/100 .TASK MANAGEMENT OR CONTROL
 718/101 ..Batch or transaction processing

2 707/E17.007 (0 OR, 2 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
 STRUCTURES
 707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)
 707/E17.007 ..Concurrency control and recovery (EPO)

2 707/3 (1 OR, 1 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
 STRUCTURES
 707/1 .DATABASE OR FILE ACCESSING
 707/3 ..Query processing (i.e., searching)

2 707/E17.005 (0 OR, 2 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
 STRUCTURES
 707/E17.001 .INFORMATION RETRIEVAL; DATABASE STRUCTURES THEREFORE (EPO)
 707/E17.005 ..Interfaces; database management systems; updating (EPO)

2 715/975 (0 OR, 2 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
 OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
 715/975 .POP-UP DIALOG BOX FOR ENTRY

2 710/8 (2 OR, 0 XR)
 Class 710 ELECTRICAL COMPUTERS AND DIGITAL DATA PROCESSING SYSTEMS:
 INPUT/OUTPUT
 710/1 .INPUT/OUTPUT DATA PROCESSING
 710/8 ..Peripheral configuration

2 709/227 (1 OR, 1 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 MULTICOMPUTER DATA TRANSFERRING
 709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING

2 709/213 (1 OR, 1 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:

MULTICOMPUTER DATA TRANSFERRING
 709/213 .MULTICOMPUTER DATA TRANSFERRING VIA SHARED MEMORY

2 709/221 (0 OR, 2 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 MULTICOMPUTER DATA TRANSFERRING
 709/220 .NETWORK COMPUTER CONFIGURING
 709/221 ..Reconfiguring

2 707/102 (1 OR, 1 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
 STRUCTURES
 707/100 .DATABASE SCHEMA OR DATA STRUCTURE
 707/102 ..Generating database or data structure (e.g., via user
 interface)

2 709/228 (1 OR, 1 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 MULTICOMPUTER DATA TRANSFERRING
 709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
 709/228 ..Session/connection parameter setting

2 379/88.01 (0 OR, 2 XR)
 Class 379 TELEPHONIC COMMUNICATIONS
 379/67.1 .AUDIO MESSAGE STORAGE, RETRIEVAL, OR SYNTHESIS
 379/88.01 ..Voice activation or recognition

2 704/251 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/231 ..Recognition
 704/251 ...Word recognition

2 704/270.1 (0 OR, 2 XR)
 Class 704 DATA PROCESSING: SPEECH SIGNAL PROCESSING, LINGUISTICS,
 LANGUAGE TRANSLATION, AND AUDIO COMPRESSION/DECOMPRESSION
 704/200 .SPEECH SIGNAL PROCESSING
 704/270 ..Application
 704/270.1 ...Speech assisted network

2 709/225 (0 OR, 2 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 MULTICOMPUTER DATA TRANSFERRING
 709/223 .COMPUTER NETWORK MANAGING
 709/225 ..Computer network access regulating

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5 715/853 (1 OR, 4 XR)
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
715/764 ..On-screen workspace or object
715/853 ...Hierarchy or network structure

3 709/227 (2 OR, 1 XR)
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING

3 715/803 (2 OR, 1 XR)
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
715/764 ..On-screen workspace or object
715/781 ...Window or viewpoint
715/803Window differentiation

3 715/804 (1 OR, 2 XR)
Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT,
OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
715/764 ..On-screen workspace or object
715/781 ...Window or viewpoint
715/804Interwindow link or communication

3 358/1.15 (3 OR, 0 XR)
Class 358 FACSIMILE AND STATIC PRESENTATION PROCESSING
358/1.1 .STATIC PRESENTATION PROCESSING (E.G., PROCESSING DATA FOR
PRINTER, ETC.)
358/1.15 ..Communication

3 709/230 (1 OR, 2 XR)
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
709/230 .COMPUTER-TO-COMPUTER PROTOCOL IMPLEMENTING

2 709/228 (0 OR, 2 XR)
Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
MULTICOMPUTER DATA TRANSFERRING
709/227 .COMPUTER-TO-COMPUTER SESSION/CONNECTION ESTABLISHING
709/228 ..Session/connection parameter setting

2 707/102 (1 OR, 1 XR)
Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA
STRUCTURES
707/100 .DATABASE SCHEMA OR DATA STRUCTURE
707/102 ..Generating database or data structure (e.g., via user
interface)

2 705/29 (2 OR, 0 XR)
Class 705 DATA PROCESSING: FINANCIAL, BUSINESS PRACTICE, MANAGEMENT,
OR COST/PRICE DETERMINATION
705/1 .AUTOMATED ELECTRICAL FINANCIAL OR BUSINESS PRACTICE OR
MANAGEMENT ARRANGEMENT
705/28 ..Inventory management
705/29 ...Itemization of parts, supplies, or services (e.g., bill

of materials)

2 700/107 (0 OR, 2 XR)
 Class 700 DATA PROCESSING: GENERIC CONTROL SYSTEMS OR SPECIFIC APPLICATIONS
 700/90 .SPECIFIC APPLICATION, APPARATUS OR PROCESS
 700/95 ..Product assembly or manufacturing
 700/97 ...Design or planning
 700/106Material requirement
 700/107Bill of material

2 706/904 (0 OR, 2 XR)
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 706/902 .APPLICATION USING AI WITH DETAIL OF THE AI SYSTEM
 706/903 ..Control
 706/904 ...Manufacturing or machine (e.g., agricultural machinery, machine tool)

2 709/201 (1 OR, 1 XR)
 Class 709 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 MULTICOMPUTER DATA TRANSFERRING
 709/201 .DISTRIBUTED DATA PROCESSING

2 719/328 (0 OR, 2 XR)
 Class 719 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS:
 INTERPROGRAM COMMUNICATION OR INTERPROCESS COMMUNICATION (IPC)
 719/328 .APPLICATION PROGRAM INTERFACE (API)

2 707/1 (1 OR, 1 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
 707/1 .DATABASE OR FILE ACCESSING

2 718/107 (1 OR, 1 XR)
 Class 718 ELECTRICAL COMPUTERS AND DIGITAL PROCESSING SYSTEMS: VIRTUAL MACHINE TASK OR PROCESS MANAGEMENT OR TASK MANAGEMENT/CONTROL
 718/100 .TASK MANAGEMENT OR CONTROL
 718/102 ..Process scheduling
 718/107 ...Multitasking, time sharing

2 706/11 (0 OR, 2 XR)
 Class 706 DATA PROCESSING: ARTIFICIAL INTELLIGENCE
 706/11 .HAVING PARTICULAR USER INTERFACE

2 707/3 (1 OR, 1 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
 707/1 .DATABASE OR FILE ACCESSING
 707/3 ..Query processing (i.e., searching)

2 707/4 (0 OR, 2 XR)
 Class 707 DATA PROCESSING: DATABASE AND FILE MANAGEMENT OR DATA STRUCTURES
 707/1 .DATABASE OR FILE ACCESSING
 707/3 ..Query processing (i.e., searching)
 707/4 ...Query formulation, input preparation, or translation

2 715/854 (1 OR, 1 XR)
 Class 715 DATA PROCESSING: PRESENTATION PROCESSING OF DOCUMENT, OPERATOR INTERFACE PROCESSING, AND SCREEN SAVER DISPLAY PROCESSING
 715/700 .OPERATOR INTERFACE (E.G., GRAPHICAL USER INTERFACE)
 715/764 ..On-screen workspace or object
 715/853 ...Hierarchy or network structure

715/854 10734390_CLSTITLES.txt
.....Navigation within structure